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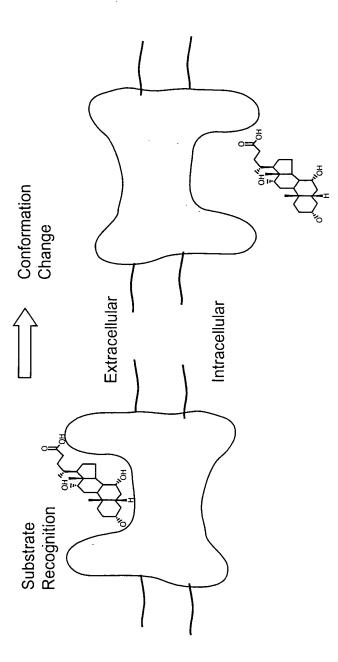


FIG. 1



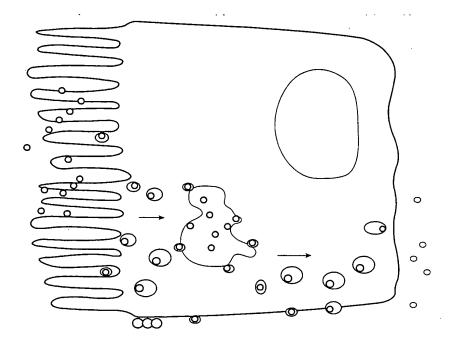


FIG. 2B

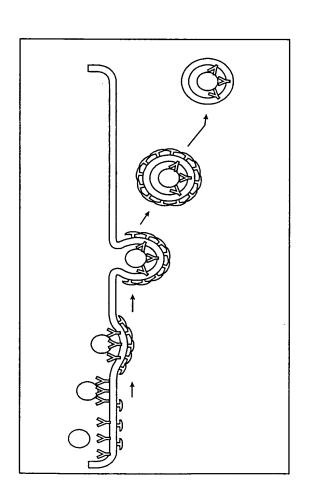


FIG. ZA



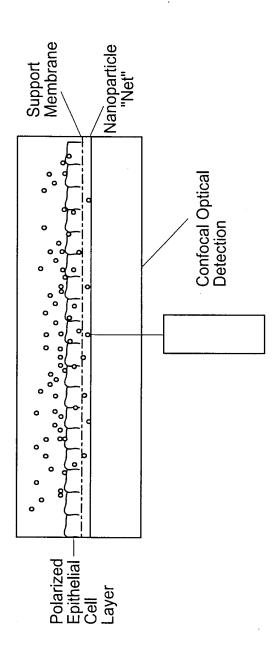
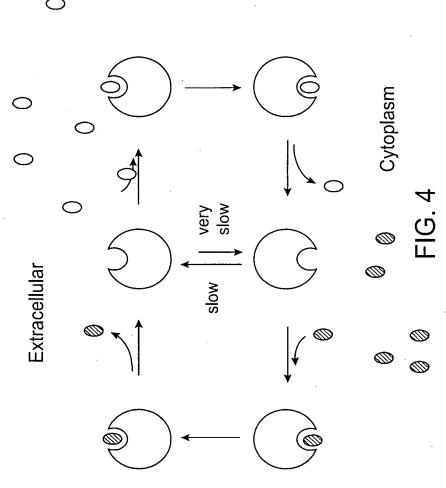


FIG. 3





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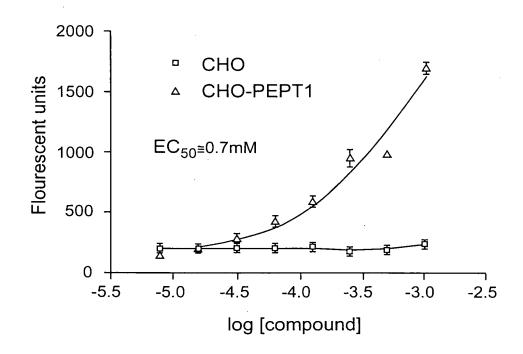
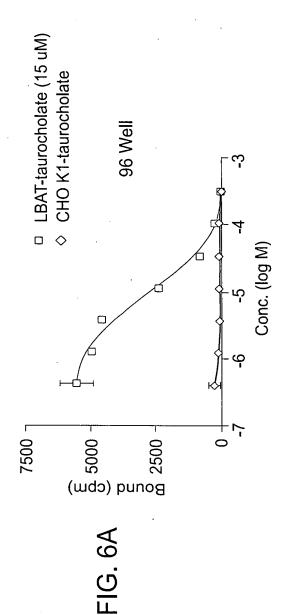


FIG. 5





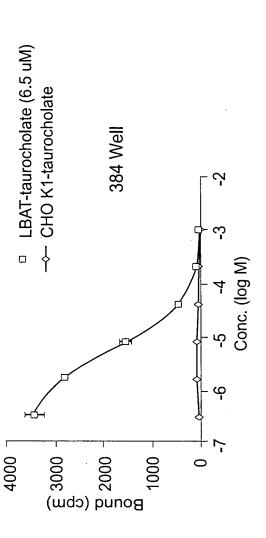


FIG. 6B

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-<u>|</u>G. 8



(ii) R2-CHO, CH(OMe) ₃, CH₂Cl₂ -CI , NEt₃, CH₂Cl₂, -78 °C (i) Piperidine, DMF (ii) H₂N-NHMe, DMF (iii) TFA, CH₂Cl₂ Sasrin resin









(i) PhSNa, DMF

(ii) HO NHBoc R2 HOgc NHBoc (iii) [Pd(PPh₃)]₄, Me₃SiN₃, THF (iv) NBD-CI, K₂CO₃, EtOH (v) TFA, CH₂Cl₂



(i) $[Pd(PPh_3)]_4$, Me_3SiN_3 , THF (ii) NBD-CI , K_2CO_3 , EtOH (iii) TFA, CH₂Cl₂ NHBoc NHBoc (i) Piperidine, DMF ·≘ NHAlloc

DIC, DIEA, CH₂Cl₂

FIG. 14

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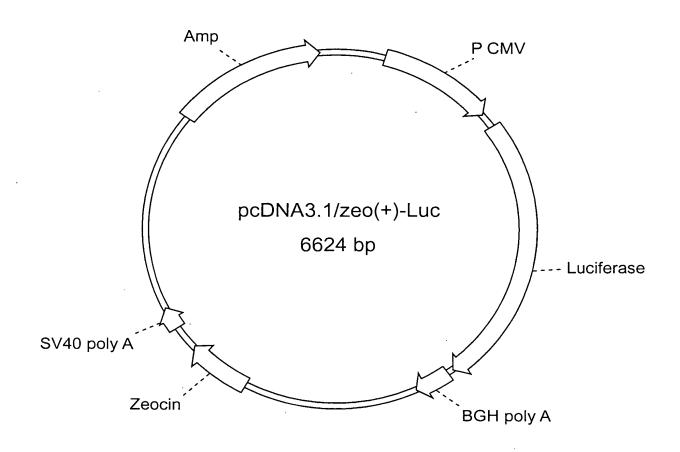


FIG. 15





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(i) R1 = OH; R2 = α -OH

(ii) R1 = OH; R2 = H

(iii) R1 = H; R2 = α -OH

(iv) R1 = H; R2= β -OH

(v) R1 = H; R2 = H

FIG. 18

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(i) Ethyl chloroformate NBu₃, dioxane



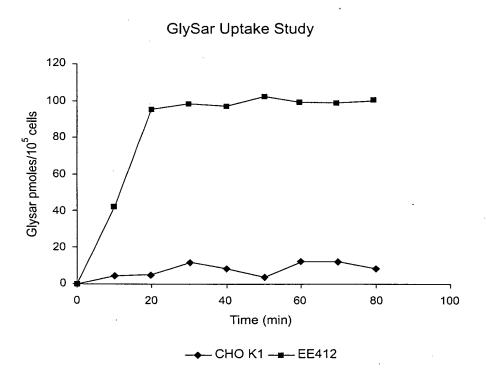
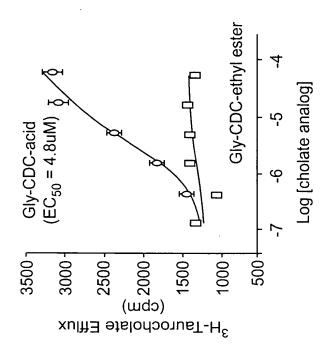
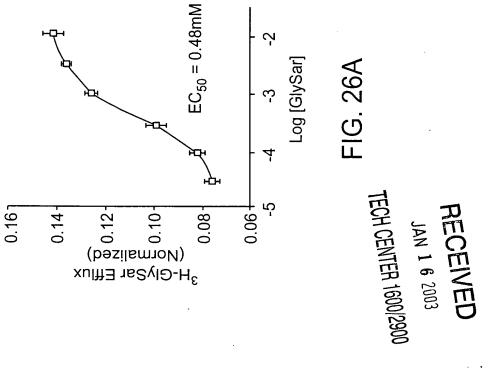


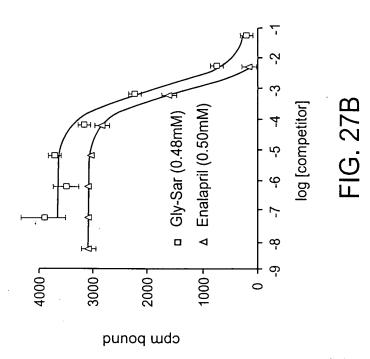
FIG. 25











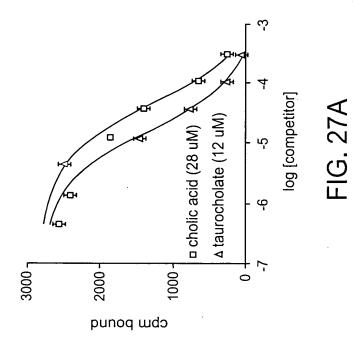




FIG. 28



FIG. 29



FIG. 30

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